



; Remaining Prior Application data removed - See File Wrapper or PALM.

Percent Similarity: 100.00%  
Best Local Similarity: 80.00%  
Query Match: 92.00%  
DB: 4  
Gaps: 0

US-09-674-436E-1 (1-5) x US-09-866-108A-5917 (1-17)

QY 1 AspileuArggly 5  
DB 16 GACCTGCTGAGAGG 2

Alignment Scores:  
Pred. No.: 45.1 Length: 17  
Score: 23.00 Matches: 4  
Percent Similarity: 100.00%  
Best Local Similarity: 80.00%  
Query Match: 92.00%  
DB: 4  
Gaps: 0

US-09-674-436E-1 (1-5) x US-09-866-108A-5916 (1-17)

QY 1 AspileuArggly 5  
DB 17 GACCTGCTGAGAGG 3

RESULT 2

US-09-866-108A-5917/c  
; Sequence 5917, Application US/09866108A  
; Patent No. 6866188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOmica-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6866188  
; SEQ ID NO 5917  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens

US-09-866-108A-5916

US-09-866-108A-5917

US-09-866-108A-5918

US-09-866-108A-5919

US-09-866-108A-5920

US-09-866-108A-5921

US-09-866-108A-5922

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US-09-866-108A-5950

US-09-866-108A-5951

US-09-866-108A-5952

US-09-866-108A-5953

US-09-866-108A-5954

US-09-866-108A-5955



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/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 10810
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-10810

Alignment Scores:
Pred. No.: 68.8      Length: 25
Score: 23.00        Matches: 4
Percent Similarity: 100.00%      Conservative: 1
Best Local Similarity: 80.00%    Mismatches: 0
Query Match: 92.00%             Indels: 0
DB: 4                      Gaps: 0

US-09-674-436E-1 (1-5) x US-09-866-108A-10810 (1-25)

Qy 1 AspileuArgGly 5
Db 23 GACCTGCTGAGAGG 9

RESULT 7
US-09-866-108A-10811/c
/ Sequence 10811, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 10811
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/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-10811

Alignment Scores:
Pred. No.: 68.8      Length: 25
Score: 23.00        Matches: 4
Percent Similarity: 100.00%      Conservative: 1
Best Local Similarity: 80.00%    Mismatches: 0
Query Match: 92.00%             Indels: 0
DB: 4                      Gaps: 0

US-09-674-436E-1 (1-5) x US-09-866-108A-10811 (1-25)

Qy 1 AspileuArgGly 5
Db 22 GACCTGCTGAGAGG 8

RESULT 8
US-09-866-108A-10812/c
/ Sequence 10812, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 10812
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-10812

Alignment Scores:
Pred. No.: 68.8      Length: 25
Score: 23.00        Matches: 4
Percent Similarity: 100.00%      Conservative: 1
Best Local Similarity: 80.00%    Mismatches: 0
Query Match: 92.00%             Indels: 0
DB: 4                      Gaps: 0
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US-09-674-436E-1 (1-5) x US-09-866-108A-10812 (1-25)

Qy 1 AspilleuArggly 5  
Db 21 GACCTGCTGAGAGG 7

## RESULT 9

US-09-866-108A-10813/c  
; Sequence 10813, Application US/09866108A  
; Patent No. 6866188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6866188  
; SEQ ID NO 10813  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-10813

Alignment Scores:  
Pred. No.: 68.8 Length: 25  
Score: 23.00 Matches: 4  
Percent Similarity: 100.00% Conservative: 1  
Best Local Similarity: 80.00% Mismatches: 0  
Query Match: 92.00% Indels: 0  
DB: 4 Gaps: 0

US-09-674-436E-1 (1-5) x US-09-866-108A-10813 (1-25)

Qy 1 AspilleuArggly 5  
Db 20 GACCTGCTGAGAGG 6

## RESULT 10

US-09-866-108A-10814/c  
; Sequence 10814, Application US/09866108A  
; Patent No. 6866188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6866188  
; SEQ ID NO 10814  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-10814

Alignment Scores:  
Pred. No.: 68.8 Length: 25  
Score: 23.00 Matches: 4  
Percent Similarity: 100.00% Conservative: 1  
Best Local Similarity: 80.00% Mismatches: 0  
Query Match: 92.00% Indels: 0  
DB: 4 Gaps: 0

US-09-674-436E-1 (1-5) x US-09-866-108A-10814 (1-25)

Qy 1 AspilleuArggly 5  
Db 19 GACCTGCTGAGAGG 5

## RESULT 11

US-09-866-108A-10815/c  
; Sequence 10815, Application US/09866108A  
; Patent No. 6866188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04

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; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

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OM protein - protein search, using sw model

Run on: June 8, 2004, 01:39:13 ; Search time 15.5556 Seconds  
(without alignments)  
16.594 Million cell updates/sec

Title: US-09-674-436E-1

Perfect score: 25

Sequence: 1 DILRG 5

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625871 residues

Total number of hits satisfying chosen parameters: 103740

Minimum DB seq length: 0

Maximum DB seq length: 10

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	19	76.0	8	4	US-09-360-545-28
4	19	76.0	8	4	US-09-043-877-35
5	19	76.0	9	1	US-08-213-124-27
6	19	76.0	9	2	US-08-482-651-18
7	19	76.0	9	3	US-08-159-339A-315
8	19	76.0	9	3	US-08-660-032-21
9	19	76.0	9	4	US-09-160-513-21
10	19	76.0	9	4	US-09-043-877-36
11	19	76.0	9	4	US-08-591-502B-23
12	19	76.0	9	4	US-08-591-502B-32
13	19	76.0	9	4	US-09-719-243-20
14	19	76.0	10	1	US-08-416-950-3
15	19	76.0	10	2	US-08-469-830-3
16	19	76.0	10	3	US-08-159-339A-324
17	19	76.0	10	4	US-09-043-877-4
18	19	76.0	10	4	US-08-591-502B-3
19	18	72.0	7	3	US-08-637-759B-124
20	18	72.0	7	3	US-08-871-355A-124
21	18	72.0	7	4	US-09-201-945-124
22	18	72.0	7	4	US-09-355-160D-9
23	18	72.0	8	1	US-08-526-710-4
24	18	72.0	8	2	US-08-459-568-75
25	18	72.0	8	2	US-08-399-411-75
26	18	72.0	8	3	US-08-862-855-4
27	18	72.0	8	3	US-08-516-859A-75

28 18 72.0 8 3 US-09-226-985-4 Sequence 4, Appli  
29 18 72.0 8 4 US-09-227-906-4 Sequence 4, Appli  
30 18 72.0 8 4 US-09-586-472-75 Sequence 75, Appl  
31 18 72.0 8 4 US-09-528-706-75 Sequence 75, Appl  
32 18 72.0 8 4 US-08-475-955-104 Sequence 104, App  
33 18 72.0 9 2 US-08-528-057-25 Sequence 25, Appl  
34 18 72.0 9 3 US-08-787-031-3 Sequence 3, Appli  
35 18 72.0 9 4 US-09-724-586A-101 Sequence 101, App  
36 18 72.0 9 4 US-08-234-784B-21 Sequence 21, Appl  
37 18 72.0 10 1 US-08-125-746-5 Sequence 5, Appli  
38 18 72.0 10 3 US-09-139-762A-48 Sequence 48, Appl  
39 18 72.0 10 3 US-09-139-762A-87 Sequence 87, Appl  
40 18 72.0 10 4 US-08-475-955-103 Sequence 103, App  
41 17 68.0 5 1 US-08-405-933-48 Sequence 48, Appl  
42 17 68.0 6 3 US-09-025-819-6 Sequence 6, Appli  
43 17 68.0 6 4 US-09-808-126-6 Sequence 6, Appli  
44 17 68.0 6 4 US-09-803-951-6 Sequence 6, Appli  
45 17 68.0 7 3 US-09-217-609A-9 Sequence 9, Appli

ALIGNMENTS

RESULT 1  
US-09-043-877-33  
; Sequence 33, Application US/09043877  
; Patent No. 6495314  
; GENERAL INFORMATION:  
; APPLICANT: Kent, Stephen B.H.  
; APPLICANT: Muir, Tom W.  
; APPLICANT: Dawson, Philip E.  
; APPLICANT: Fitzgerald, Michael C.  
; TITLE OF INVENTION: PROTEIN SIGNATURE ANALYSIS  
; FILE REFERENCE: GRY00395  
; CURRENT APPLICATION NUMBER: US/09/043,877  
; CURRENT FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: PCT/US96/15516  
; PRIOR FILING DATE: 1996-09-27  
; PRIOR APPLICATION NUMBER: 60/004,563  
; PRIOR FILING DATE: 1995-09-29  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 33:  
; LENGTH: 6  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-09-043-877-33

Query Match 76.0%; Score 19; DB 4; Length 6;  
Best Local Similarity 100.0%; Pred.No.3e+05; 0;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 DILR 4  
Db 3 DILR 6

RESULT 2  
US-09-043-877-34  
; Sequence 34, Application US/09043877  
; Patent No. 6495314  
; GENERAL INFORMATION:  
; APPLICANT: Kent, Stephen B.H.  
; APPLICANT: Muir, Tom W.  
; APPLICANT: Dawson, Philip E.  
; APPLICANT: Fitzgerald, Michael C.  
; TITLE OF INVENTION: PROTEIN SIGNATURE ANALYSIS  
; FILE REFERENCE: GRY00395  
; CURRENT APPLICATION NUMBER: US/09/043,877  
; CURRENT FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: PCT/US96/15516  
; PRIOR FILING DATE: 1996-09-27  
; PRIOR APPLICATION NUMBER: 60/004,563



; PRIOR FILING DATE: 1995-09-29  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 34  
; LENGTH: 7  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-09-043-877-34

Query Match 76.0%; Score 19; DB 4; Length 7;  
Best Local Similarity 100.0%; Pred. No. 3e+05;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILR 4  
|:|:  
Db 3 DILR 6

## RESULT 3

US-09-360-545-28  
; Sequence 28, Application US/09360545  
; Patent No. 6429014  
; GENERAL INFORMATION:  
; APPLICANT: Croteau, Rodney B  
; APPLICANT: Bohlmann, Jörg  
; APPLICANT: Steele, Christopher L  
; APPLICANT: Phillips, Michael A  
; TITLE OF INVENTION: MONOTERPENE SYNTHASES FROM GRAND FIR (ABIES GRANDIS)  
; FILE REFERENCE: wslur13885  
; CURRENT APPLICATION NUMBER: US/09/360,545  
; CURRENT FILING DATE: 1999-07-26  
; EARLIER APPLICATION NUMBER: 60/052,249  
; EARLIER FILING DATE: 1997-11-07  
; EARLIER APPLICATION NUMBER: PCT/US98/14528  
; EARLIER FILING DATE: 1998-07-10  
; NUMBER OF SEQ ID NOS: 107  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 28  
; LENGTH: 8  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: conserved  
; OTHER INFORMATION: amino acid motif on which the sequence of primer G  
; OTHER INFORMATION: was based wherein Xaa at position 6 represents Phe or Leu  
; FEATURE:  
; NAME/KEY: SITE  
; LOCATION: (1)..(8)  
; OTHER INFORMATION: conserved amino acid sequence on which the  
; OTHER INFORMATION: sequence of primer G was based  
US-09-360-545-28

Query Match 76.0%; Score 19; DB 4; Length 8;  
Best Local Similarity 40.0%; Pred. No. 3e+05;  
Matches 2; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILRG 5  
|:|:  
Db 1 DILRG 5

## RESULT 4

US-09-043-877-35  
; Sequence 35, Application US/09043877  
; Patent No. 6495314  
; GENERAL INFORMATION:  
; APPLICANT: Kent, Stephen B.H.  
; APPLICANT: Muir, Tom W.  
; APPLICANT: Dawson, Philip E.  
; APPLICANT: Fitzgerald, Michael C.  
; TITLE OF INVENTION: PROTEIN SIGNATURE ANALYSIS  
; FILE REFERENCE: GRY0039S  
; CURRENT APPLICATION NUMBER: US/09/043,877

; CURRENT FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: PCT/US96/15516  
; PRIOR FILING DATE: 1996-09-27  
; SOFTWARE: PatentIn Ver. 2.1  
; PRIOR FILING DATE: 1995-09-29  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 35  
; LENGTH: 8  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-09-043-877-35

Query Match 76.0%; Score 19; DB 4; Length 8;  
Best Local Similarity 100.0%; Pred. No. 3e+05;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILR 4  
|:|:  
Db 3 DILR 6

## RESULT 5

US-08-213-124-27  
; Sequence 27, Application US/08213124  
; Patent No. 5693325  
; GENERAL INFORMATION:  
; APPLICANT: Kahn, Michael  
; TITLE OF INVENTION: PEPTIDE VACCINES AND METHODS RELATING  
; TITLE OF INVENTION: THERETO  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/213,124  
; FILING DATE: 15-MAR-1994  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Hermanns, Karl R.  
; REGISTRATION NUMBER: 33,507  
; REFERENCE/DOCKET NUMBER: 670063.411  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; TELEX: 3723836 SEEDANDBERRY  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 9 amino acids  
; TYPE: amino acid  
; STRANDEDNESS:  
; TOPOLOGY: linear  
US-08-213-124-27

Query Match 76.0%; Score 19; DB 1; Length 9;  
Best Local Similarity 100.0%; Pred. No. 3e+05;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 ILRG 5  
|:|:  
Db 1 ILRG 4

## RESULT 6

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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/159,339A
FILING DATE: 29-NOV-1993
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/926,666
FILING DATE: 07-AUG-1992
APPLICATION NUMBER: US 08/027,746
FILING DATE: 05-MAR-1993
APPLICATION NUMBER: US 08/103,396
FILING DATE: 06-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 018623-005030US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
TELEX:
INFORMATION FOR SEQ ID NO: 315:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-159-339A-315

Query Match 76.0%; Score 19; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0;

QY 2 ILRG 5
Db 1 ILRG 4

RESULT 8
US-08-660-092-21
; Sequence 21, Application US/08660092
; Patent No. 6207160
; GENERAL INFORMATION:
; APPLICANT: Victoria, Edward J.
; APPLICANT: Marquis, David M.
; APPLICANT: Jones, David S.
; APPLICANT: Yu, Lin
; TITLE OF INVENTION: aPL IMMUNOREACTIVE PEPTIDES, CONJUGATES
; TITLE OF INVENTION: THEREOF AND METHODS OF TREATMENT FOR aPL ANTIBODY-MEDIATED
; NUMBER OF SEQUENCES: 216
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/660,092
; FILING DATE: 06-JUN-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Park, Freddie K.

```

REGISTRATION NUMBER: 35,636  
REFERENCE/DOCKET NUMBER: 25231-20061.20  
TELEPHONE: (415) 813-5600  
TELEFAX: (415) 494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 9 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
LIBRARY: xyz (details pg. 16)  
CLONE: 3E11  
US-08-660-092-21

Query Match 76.0%; Score 19; DB 3; Length 9;  
Best Local Similarity 100.0%; Pred. No. 3e+05;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 ILRG 5  
DB 4 ILRG 7

RESULT 9  
US-09-160-513-21

Sequence 21, Application US/09160513  
Patent No. 6410775  
GENERAL INFORMATION:  
APPLICANT: Victoria, Edward J.  
APPLICANT: Marquis, David M.  
APPLICANT: Jones, David S.  
APPLICANT: Yu, Lin  
TITLE OF INVENTION: APL IMMUNOREACTIVE PEPTIDES, CONJUGATES THEREOF AND METHODS O  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 755 PAGE MILL ROAD  
CITY: PALO ALTO  
STATE: CA  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/160,513  
FILING DATE: 1998-DEC-24  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: CATHERINE M. POLIZZI  
REGISTRATION NUMBER: 40,130  
REFERENCE/DOCKET NUMBER: 25231-20061.01  
TELEPHONE: (650) 813-5600  
TELEFAX: (650) 494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 9 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
LIBRARY: xyz  
CLONE: 3E11  
US-09-160-513-21

Query Match 76.0%; Score 19; DB 4; Length 9;

Best Local Similarity 100.0%; Pred. No. 3e+05;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 2 ILRG 5  
DB 4 ILRG 7

RESULT 10  
US-09-043-877-36  
Sequence 36, Application US/09043877  
Patent No. 6495314  
GENERAL INFORMATION:  
APPLICANT: Kent, Stephen B.H.  
APPLICANT: Muir, Tom W.  
APPLICANT: Dawson, Philip E.  
APPLICANT: Fitzgerald, Michael C.  
TITLE OF INVENTION: PROTEIN SIGNATURE ANALYSIS  
FILE REFERENCE: GRY0039S  
CURRENT APPLICATION NUMBER: US/09/043,877  
CURRENT FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: PCT/US96/15516  
PRIOR FILING DATE: 1996-09-27  
PRIOR APPLICATION NUMBER: 60/004,563  
PRIOR FILING DATE: 1995-09-29  
NUMBER OF SEQ ID NOS: 37  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 36  
LENGTH: 9  
TYPE: PRT  
ORGANISM: Mus musculus  
US-09-043-877-36

Query Match 76.0%; Score 19; DB 4; Length 9;  
Best Local Similarity 100.0%; Pred. No. 3e+05;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILR 4  
DB 3 DILR 6

RESULT 11  
US-08-591-502B-23  
Sequence 23, Application US/08591502B  
Patent No. 6607727  
GENERAL INFORMATION:  
APPLICANT: Chisari, Francis V.  
TITLE OF INVENTION: Peptides for Inducing Cytotoxic T  
Lymphocyte Responses to Hepatitis B Virus  
NUMBER OF SEQUENCES: 99  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3814  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/591,502B  
FILING DATE: 20-May-1996  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/749,540  
FILING DATE: 26-AUG-1991  
APPLICATION NUMBER: US 07/935,898  
FILING DATE: 26-AUG-1992  
APPLICATION NUMBER: US 08/100,870

FILING DATE: 02-AUG-1993  
APPLICATION NUMBER: WO PCT/US94/08685  
FILING DATE: 01-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Weber, Ellen Lauver  
REGISTRATION NUMBER: 32,762  
REFERENCE/DOCKET NUMBER: 014740-000230US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 9 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 23:  
US-08-591-502B-23  
Query Match 76.0%; Score 19; DB 4; Length 9;  
Best Local Similarity 100.0%; Pred. No. 3e+05;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 2 ILRG 5  
DB 2 ILRG 5  
RESULT 12  
US-08-591-502B-32  
Sequence 32, Application US/08591502B  
Patent No. 6607727  
GENERAL INFORMATION:  
APPLICANT: Chisari, Francis V.  
TITLE OF INVENTION: Peptides for Inducing Cytotoxic T  
Lymphocyte Responses to Hepatitis B Virus  
NUMBER OF SEQUENCES: 99  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/591,502B  
FILING DATE: 20-May-1996  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/749,540  
FILING DATE: 26-AUG-1991  
APPLICATION NUMBER: US 07/935,998  
FILING DATE: 26-AUG-1992  
APPLICATION NUMBER: US 08/100,870  
FILING DATE: 02-AUG-1993  
APPLICATION NUMBER: WO PCT/US94/08685  
FILING DATE: 01-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Weber, Ellen Lauver  
REGISTRATION NUMBER: 32,762  
REFERENCE/DOCKET NUMBER: 014740-000230US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 9 amino acids

TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 32:  
US-08-591-502B-32  
Query Match 76.0%; Score 19; DB 4; Length 9;  
Best Local Similarity 100.0%; Pred. No. 3e+05;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 2 ILRG 5  
DB 2 ILRG 5  
RESULT 13  
US-09-719-243-20  
Sequence 20, Application US/09719243  
Patent No. 6682741  
GENERAL INFORMATION:  
APPLICANT: National Institutes of Health  
TITLE OF INVENTION: B2 Microglobulin Fusion Proteins and High Affinity  
TITLE OF INVENTION: Variants  
FILE REFERENCE: 52590  
CURRENT APPLICATION NUMBER: US/09/719,243  
CURRENT FILING DATE: 2001-05-21  
PRIOR APPLICATION NUMBER: 60/088,813  
PRIOR FILING DATE: 1998-06-10  
NUMBER OF SEQ ID NOS: 20  
SOFTWARE: Patent in Ver. 2.0  
SEQ ID NO 20  
LENGTH: 9  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: influenza NP  
US-09-719-243-20  
Query Match 76.0%; Score 19; DB 4; Length 9;  
Best Local Similarity 100.0%; Pred. No. 3e+05;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 2 ILRG 5  
DB 1 ILRG 4  
RESULT 14  
US-08-416-950-3  
Sequence 3, Application US/08416950  
Patent No. 5780036  
GENERAL INFORMATION:  
APPLICANT: CHISARI, Francis V.  
TITLE OF INVENTION: PEPTIDES FOR INDUCING CYTOTOXIC T  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend Kourie and Crew  
STREET: One Market Plaza, Steuart Street Tower  
CITY: San Francisco  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 94105-1492  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/416,950  
FILING DATE:

CLASSIFICATION: 424  
PRIOR APPLICATION DATA: US  
APPLICATION NUMBER: 31,990  
FILING DATE: 02-AUG-1993  
FILING DATE: 26-AUG-1992  
FILING DATE: 26-AUG-1991  
PRIOR APPLICATION DATA: US 07/935,898  
APPLICATION NUMBER: 31,990  
FILING DATE: 26-AUG-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Parmelee, Steven W.  
REGISTRATION NUMBER: 31,990  
REFERENCE/DOCKET NUMBER: 14740-2-2  
TELEPHONE: (206) 467-9500  
TELEPHONE: (206) 467-9500  
TELEPHONE: (415) 543-5043  
TELEPHONE: (415) 543-5043  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-416-950-3

Query Match 76.0%; Score 19; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 2 ILRG 5  
Db 1 ILRG 4

RESULT 15  
US-08-469-830-3  
Sequence 3, Application US/08469830  
Patent No. 5932224  
GENERAL INFORMATION:  
APPLICANT: CHISARI, Francis V.  
TITLE OF INVENTION: PEPTIDES FOR INDUCING CYTOTOXIC T  
TITLE OF INVENTION: LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend Khourie and Crew  
STREET: One Market Plaza, Steuart Street tower  
CITY: San Francisco  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 94105-1492  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,830  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/100,870  
FILING DATE: 02-AUG-1993  
APPLICATION NUMBER: US 07/935,898  
FILING DATE: 26-AUG-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/749,540  
FILING DATE: 26-AUG-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Parmelee, Steven W.  
REGISTRATION NUMBER: 31,990  
REFERENCE/DOCKET NUMBER: 14740-2-2  
TELEPHONE: (206) 467-9500

TELEPHONE: (415) 543-5043  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-469-830-3

Query Match 76.0%; Score 19; DB 2; Length 10;  
Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 2 ILRG 5  
Db 1 ILRG 4

Search completed: June 8, 2004, 02:36:06  
Job time : 16.5556 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: June 8, 2004, 01:39:13 ; Search time 12.4444 Seconds  
(without alignments)  
16.594 Million cell updates/sec

Title: US-09-674-436E-2

Perfect score: 19

Sequence: 1 ILRG 4

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 399414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 103740

Minimum DB seq length: 0

Maximum DB seq length: 10

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA.\*  
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2: /cgn2\_6/ptodata/2/iaa/5B\_COMB.pep.\*  
3: /cgn2\_6/ptodata/2/iaa/6A\_COMB.pep.\*  
4: /cgn2\_6/ptodata/2/iaa/6B\_COMB.pep.\*  
5: /cgn2\_6/ptodata/2/iaa/PCUS\_COMB.pep.\*  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	19	100.0	9	1	US-08-213-124-27
2	19	100.0	9	2	US-08-482-651-18
3	19	100.0	9	3	US-08-159-339A-315
4	19	100.0	9	3	US-08-660-092-21
5	19	100.0	9	4	US-09-160-513-21
6	19	100.0	9	4	US-08-591-502B-23
7	19	100.0	9	4	US-08-591-502B-32
8	19	100.0	9	4	US-09-719-243-20
9	19	100.0	10	1	US-08-416-950-3
10	19	100.0	10	2	US-08-469-830-3
11	19	100.0	10	3	US-08-159-339A-324
12	19	100.0	10	4	US-08-591-502B-3
13	18	94.7	8	1	US-08-526-710-4
14	18	94.7	8	3	US-08-862-855-4
15	18	94.7	8	3	US-09-226-985-4
16	18	94.7	8	4	US-09-227-906-4
17	18	94.7	10	1	US-08-125-746-5
18	17	89.5	5	1	US-08-405-933-48
19	17	89.5	8	3	US-08-525-002-46
20	17	89.5	8	4	US-09-314-268-170
21	17	89.5	8	4	US-09-910-552-46
22	16	84.2	7	1	US-08-066-325-150
23	16	84.2	9	2	US-08-853-623D-12
24	16	84.2	9	3	US-08-159-339A-316
25	16	84.2	10	3	US-08-159-339A-295
26	15	78.9	4	1	US-08-461-611-39
27	15	78.9	4	3	US-08-901-344-5

28 15 78.9 4 3 US-09-357-952-55 Sequence 55, Appl  
29 15 78.9 4 4 US-09-521-650-55 Sequence 55, Appl  
30 15 78.9 4 4 US-09-168-888-55 Sequence 55, Appl  
31 15 78.9 4 4 US-09-082-358B-77 Sequence 77, Appl  
32 15 78.9 5 1 US-08-066-325-148 Sequence 148, App  
33 15 78.9 5 3 US-08-278-251-7 Sequence 7, Appl  
34 15 78.9 5 3 US-09-357-952-101 Sequence 101, App  
35 15 78.9 5 3 US-09-357-952-102 Sequence 102, App  
36 15 78.9 5 4 US-09-057-052-2 Sequence 2, Appl  
37 15 78.9 5 4 US-09-521-650-101 Sequence 101, App  
38 15 78.9 5 4 US-09-521-650-102 Sequence 102, App  
39 15 78.9 5 4 US-09-168-888-101 Sequence 101, App  
40 15 78.9 5 4 US-09-168-888-102 Sequence 102, App  
41 15 78.9 5 4 US-09-695-466-2 Sequence 2, Appl  
42 15 78.9 5 4 US-09-717-364A-36 Sequence 36, Appl  
43 15 78.9 5 5 PCT-US95-03236-35 Sequence 35, Appl  
44 15 78.9 5 6 5496721-2 Patent No. 5496721  
45 15 78.9 6 1 US-08-191-571-17 Sequence 17, Appl

#### ALIGNMENTS

RESULT 1  
US-08-213-124-27  
; Sequence 27, Application US/08213124  
; Patent No. 5693325  
; GENERAL INFORMATION:  
; APPLICANT: Kahn, Michael  
; TITLE OF INVENTION: PEPTIDE VACCINES AND METHODS RELATING  
; TITLE OF INVENTION: THERETO  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED AND BERRY  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM: disk  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/213,124  
; FILING DATE: 15-MAR-1994  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Hermanns, Karl R.  
; REGISTRATION NUMBER: 33,507  
; REFERENCE/DOCKET NUMBER: 670063.411  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; TELEX: 3723836 SEEDANDBERRY  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 9 amino acids  
; TYPE: amino acid  
; STRANDEDNESS:  
; TOPOLOGY: linear  
US-08-213-124-27

Query Match 100.0%; Score 19; DB 1; Length 9;  
Best Local Similarity 100.0%; Pred No. 3e+05;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 ILRG 4  
Db 1 ILRG 4

RESULT 2  
US-08-482-651-18  
; Sequence 18, Application US/08482651  
; Patent No. 5874409  
; GENERAL INFORMATION:  
; APPLICANT: Victoria, Edward J.  
; APPLICANT: Marquis, David M.  
; TITLE OF INVENTION: aPL IMMUNOREACTIVE PEPTIDES, CONJUGATES  
; TITLE OF INVENTION: THEREOF AND METHODS OF TREATMENT FOR aPL ANTIBODY-MEDIATED  
; TITLE OF INVENTION: PATHOLOGIES  
; NUMBER OF SEQUENCES: 62  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORRISON & FOERSTER  
; STREET: 755 PAGE MILL ROAD  
; CITY: PALO ALTO  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304-1018  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/482,651  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Park, Freddie K.  
; REGISTRATION NUMBER: 35,636  
; REFERENCE/DOCKET NUMBER: 25231-20061.00  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 813-5600  
; TELEFAX: (415) 494-0792  
; TELEX: 706141  
; INFORMATION FOR SEQ ID NO: 18:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 9 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; IMMEDIATE SOURCE:  
; LIBRARY: xyz (details pg. 16)  
; CLONE: 3E11  
; US-08-482-651-18

Query Match 100.0%; Score 19; DB 2; Length 9;  
Best Local Similarity 100.0%; Pred. No. 3e+05;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ILRG 4  
Db 4 ILRG 7

RESULT 3  
US-08-159-339A-315  
; Sequence 315, Application US/08159339A  
; Patent No. 6037135  
; GENERAL INFORMATION:  
; APPLICANT: Kubo, Ralph T.  
; APPLICANT: Grey, Howard M.  
; APPLICANT: Sette, Alessandro  
; APPLICANT: Celis, Esteban  
; TITLE OF INVENTION: HLA Binding peptides and Their  
; TITLE OF INVENTION: Uses  
; NUMBER OF SEQUENCES: 1254  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: CA  
; COUNTRY: USA

ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/159,339A  
; FILING DATE: 29-NOV-1993  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/926,666  
; FILING DATE: 07-AUG-1992  
; APPLICATION NUMBER: US 08/027,746  
; FILING DATE: 05-MAR-1993  
; APPLICATION NUMBER: US 08/103,396  
; FILING DATE: 06-AUG-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Weber, Ellen Lauver  
; REGISTRATION NUMBER: 32,762  
; REFERENCE/DOCKET NUMBER: 018623-005030US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 315:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 9 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; US-08-159-339A-315

Query Match 100.0%; Score 19; DB 3; Length 9;  
Best Local Similarity 100.0%; Pred. No. 3e+05;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ILRG 4  
Db 1 ILRG 4

RESULT 4  
US-08-660-092-21  
; Sequence 21, Application US/08660092  
; Patent No. 6207160  
; GENERAL INFORMATION:  
; APPLICANT: Victoria, Edward J.  
; APPLICANT: Marquis, David M.  
; APPLICANT: Jones, David S.  
; APPLICANT: Yu, Lin  
; TITLE OF INVENTION: aPL IMMUNOREACTIVE PEPTIDES, CONJUGATES  
; TITLE OF INVENTION: THEREOF AND METHODS OF TREATMENT FOR aPL ANTIBODY-MEDIATED  
; TITLE OF INVENTION: PATHOLOGIES  
; NUMBER OF SEQUENCES: 216  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORRISON & FOERSTER  
; STREET: 755 PAGE MILL ROAD  
; CITY: PALO ALTO  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304-1018  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/660,092  
; FILING DATE: 06-JUN-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:

NAME: Park, Freddie K.  
 REGISTRATION NUMBER: 35,636  
 REFERENCE/DOCKET NUMBER: 25231-20061.20  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 813-5600  
 TELEFAX: (415) 494-0792  
 TELEX: 706141  
 INFORMATION FOR SEQ ID NO: 21:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 9 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 IMMEDIATE SOURCE:  
 LIBRARY: xyz (details pg. 16)  
 CLONE: 3E11  
 US-08-660-092-21

Query Match 100.0%; Score 19; DB 3; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 3e+05;  
 Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ILRG 4  
 Db 4 ILRG 7

RESULT 5  
 US-09-160-513-21  
 ; Sequence 21, Application US/09160513  
 ; Patent No. 6410775  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Victoria, Edward J.  
 ; APPLICANT: Marquis, David M.  
 ; APPLICANT: Jones, David S.  
 ; APPLICANT: Yu, Lin  
 ; TITLE OF INVENTION: aPL IMMUNOREACTIVE PEPTIDES, CONJUGATES THEREOF AND METHODS O  
 ; NUMBER OF SEQUENCES: 225  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: MORRISON & FOERSTER  
 ; STREET: 755 PAGE MILL ROAD  
 ; CITY: PALO ALTO  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94304-1018  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION NUMBER: US/09/160,513  
 ; FILING DATE: 1998-DEC-24  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: CATHERINE M. POLIZZI  
 ; REGISTRATION NUMBER: 40,130  
 ; REFERENCE/DOCKET NUMBER: 25231-20061.01  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (650) 813-5600  
 ; TELEFAX: (650) 494-0792  
 ; TELEX: 706141  
 ; INFORMATION FOR SEQ ID NO: 21:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 9 amino acids  
 ; TYPE: amino acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; IMMEDIATE SOURCE:  
 ; LIBRARY: xyz  
 ; CLONE: 3E11  
 ; US-09-160-513-21

Query Match 100.0%; Score 19; DB 4; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 3e+05;  
 Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ILRG 4  
 Db 4 ILRG 7

RESULT 6  
 US-08-591-502B-23  
 ; Sequence 23, Application US/08591502B  
 ; Patent No. 6607727  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Chisari, Francis V.  
 ; TITLE OF INVENTION: Peptides for Inducing Cytotoxic T  
 ; Lymphocyte Responses to Hepatitis B Virus  
 ; NUMBER OF SEQUENCES: 99  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Townsend and Crew LLP  
 ; STREET: Two Embarcadero Center, Eighth Floor  
 ; CITY: San Francisco  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94111-3834  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION NUMBER: US/08/591,502B  
 ; FILING DATE: 20-May-1996  
 ; CLASSIFICATION: <Unknown>  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 07/749,540  
 ; FILING DATE: 26-AUG-1991  
 ; APPLICATION NUMBER: US 07/935,898  
 ; FILING DATE: 26-AUG-1992  
 ; APPLICATION NUMBER: US 08/100,870  
 ; FILING DATE: 02-AUG-1993  
 ; APPLICATION NUMBER: WO PCT/US94/08685  
 ; FILING DATE: 01-AUG-1994  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Weber, Ellen Lauver  
 ; REGISTRATION NUMBER: 32,762  
 ; REFERENCE/DOCKET NUMBER: 014740-000230US  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 576-0200  
 ; TELEFAX: (415) 576-0300  
 ; INFORMATION FOR SEQ ID NO: 23:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 9 amino acids  
 ; TYPE: amino acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: Peptide  
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 23:  
 ; US-08-591-502B-23

Qy 1 ILRG 4  
 Db 2 ILRG 5

RESULT 7  
 US-08-591-502B-32  
 ; Sequence 32, Application US/08591502B  
 ; Patent No. 6607727

Query Match 100.0%; Score 19; DB 4; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 3e+05;  
 Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ILRG 4  
 Db 2 ILRG 5

RESULT 7  
 US-08-591-502B-32  
 ; Sequence 32, Application US/08591502B  
 ; Patent No. 6607727



GENERAL INFORMATION:  
APPLICANT: Chisari, Francis V.  
TITLE OF INVENTION: Peptides for Inducing Cytotoxic T  
Lymphocyte Responses to Hepatitis B Virus  
NUMBER OF SEQUENCES: 99  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION NUMBER: US/08/591,502B  
FILING DATE: 20-May-1996  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/749,540  
FILING DATE: 26-AUG-1991  
APPLICATION NUMBER: US 07/935,898  
FILING DATE: 26-AUG-1992  
APPLICATION NUMBER: US 08/100,870  
FILING DATE: 02-AUG-1993  
APPLICATION NUMBER: WO PCT/US94/08685  
FILING DATE: 01-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Weber, Ellen Lauver  
REGISTRATION NUMBER: 32,762  
REFERENCE/DOCKET NUMBER: 014740-000230US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 9 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 32:  
US-08-591-502B-32

Query Match 100.0%; Score 19; DB 4; Length 9;  
Best Local Similarity 100.0%; Pred. No. 3e+05; Indels 0; Gaps 0;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ILRG 4  
Db 2 ILRG 5

RESULT 8  
US-09-719-243-20  
Sequence 20, Application US/09719243  
Patent No. 6682741  
GENERAL INFORMATION:  
APPLICANT: National Institutes of Health  
TITLE OF INVENTION: B2 Microglobulin Fusion Proteins and High Affinity  
Variants  
FILE REFERENCE: 52590  
CURRENT APPLICATION NUMBER: US/09/719,243  
FILING DATE: 2001-05-21  
PRIOR APPLICATION NUMBER: 60/088,813  
PRIOR FILING DATE: 1998-06-10  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 20  
LENGTH: 9

TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: influenza NP  
OTHER INFORMATION: 265-273  
US-09-719-243-20

Query Match 100.0%; Score 19; DB 4; Length 9;  
Best Local Similarity 100.0%; Pred. No. 3e+05; Indels 0; Gaps 0;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ILRG 4  
Db 1 ILRG 4

RESULT 9  
US-08-416-950-3  
Sequence 3, Application US/08416950  
Patent No. 5780036  
GENERAL INFORMATION:  
APPLICANT: CHISARI, Francis V.  
TITLE OF INVENTION: PEPTIDES FOR INDUCING CYTOTOXIC T  
LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Townsend and Townsend Khourie and Crew  
STREET: One Market Plaza, Steuart Street Tower  
CITY: San Francisco  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 94105-1492  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/416,950  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US  
FILING DATE:  
APPLICATION NUMBER: US 07/935,898  
FILING DATE: 26-AUG-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/749,540  
FILING DATE: 26-AUG-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Parmelee, Steven W.  
REGISTRATION NUMBER: 31,990  
REFERENCE/DOCKET NUMBER: 14740-2-2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 467-9800  
TELEFAX: (415) 543-5043  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-416-950-3

Query Match 100.0%; Score 19; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 60; Indels 0; Gaps 0;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ILRG 4  
Db 1 ILRG 4



APPLICATION NUMBER: US 07/749,540  
FILING DATE: 26-AUG-1991  
APPLICANT: PASQUALINI, RENATA  
TITLE OF INVENTION: Method of Identifying Molecules That  
NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell and Flores  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: United States  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US 07/526,710  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/526,710  
FILING DATE: 11-SEP-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/813,273  
FILING DATE: 10-MAR-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-LJ 1779  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide

Query Match 100.0%; Score 19; DB 4; Length 10;  
Best Local Similarity 100.0%; Pred. No. 60;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ILRG 4  
DB 1 ILRG 4

RESULT 13  
US-08-526-710-4  
; Sequence 4, Application US/08526710  
; Patent No. 5623699  
; GENERAL INFORMATION:  
; APPLICANT: Ruoslahti, Erkki  
; APPLICANT: Pasqualini, Renata  
; TITLE OF INVENTION: Method of Identifying Molecules That  
; TITLE OF INVENTION: Home to a Selected Organ In Vivo  
; NUMBER OF SEQUENCES: 44  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell and Flores  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: United States  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/526,710  
; FILING DATE: 11-SEP-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-LJ 1779  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 8 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide

US-08-526-710-4  
Query Match 94.7%; Score 18; DB 1; Length 8;  
Best Local Similarity 75.0%; Pred. No. 3e+05;  
Matches 3; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 ILRG 4  
DB 2 VLRG 5

RESULT 14  
US-08-862-855-4  
; Sequence 4, Application US/08862855  
; Patent No. 6068829  
; GENERAL INFORMATION:  
; APPLICANT: Ruoslahti, Erkki  
; APPLICANT: Pasqualini, Renata  
; TITLE OF INVENTION: Method of Identifying Molecules That  
; TITLE OF INVENTION: Home to a Selected Organ In Vivo  
; NUMBER OF SEQUENCES: 44  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: United States  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/862,855  
; FILING DATE:  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/526,710  
; FILING DATE: 11-SEP-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/813,273  
; FILING DATE: 10-MAR-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-LJ 2621  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 8 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide

US-08-862-855-4  
Query Match 94.7%; Score 18; DB 3; Length 8;  
Best Local Similarity 75.0%; Pred. No. 3e+05;  
Matches 3; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 ILRG 4  
DB 2 VLRG 5

RESULT 15  
US-09-226-985-4  
; Sequence 4, Application US/09226985  
; Patent No. 6296832  
; GENERAL INFORMATION:  
; APPLICANT: Ruoslahti, Erkki

APPLICANT: Pasqualini, Renata  
 TITLE OF INVENTION: Molecules That Home to a Selected Organ In Vivo  
 NUMBER OF SEQUENCES: 44  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Campbell & Flores LLP  
 STREET: 4370 La Jolla Village Drive, Suite 700  
 CITY: San Diego  
 STATE: California  
 COUNTRY: United States  
 ZIP: 92122  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/226,985  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/526,710  
 FILING DATE: 11-SEP-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/813,273  
 FILING DATE: 10-MAR-1997  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/862,855  
 FILING DATE: 23-MAY-1997  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Campbell, Cathryn A.  
 REGISTRATION NUMBER: 31,815  
 REFERENCE/DOCKET NUMBER: P-LJ 3423  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (619) 535-9001  
 TELEFAX: (619) 535-8949  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 8 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 US-09-226-985-4

Query Match 94.7%; Score 18; DB 3; Length 8;  
 Best Local Similarity 75.0%; Pred. No. 3e+05;  
 Matches 3; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 ILRG 4  
 Db 2 VLRG 5

Search completed: June 8, 2004, 02:36:07  
 Job time : 13.4444 secs